

Mohammed Subhi Hadi

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Personal Profile and details

Gender: Male
Date of Birth: 31 October 1988
Marital status: Married
Languages known: Kurdish, Arabic and English (92 TOEFL IBT)

I am a M.Sc. holder in the field Automation and control from School of Electrical, Electronics and computer engineering at Newcastle University, United Kingdom. I received my bachelor degree in Electrical and Computer engineering from university of Duhok in 2010 with GPA 76.59% (Ranked 1st of 21). In 2011 I started to study for my M.S.c program in U.K, I finished my study in 2012 with distinction. Currently I am PhD student at Near East University, TRNC.

Key Skills

- Active, organized and have the ability to work to time deadlines.
- Experience in Biomedical Engineering projects and Medical devices. Specially in (EEG, EMG, EOG) and Bionic systems.
- Implementing EMR (Electronic Medical Record) and MRS (Medical Reporting System) for private clinics and small hospitals.
- Design and implementation of control systems using PLC (Siemens's Simatic and LOGO) and (FATEK PLC).
- Excellent experience in programming various microcontrollers, FPGA's, system on chips and digital boards. (microcontrollers: Atmel 8051 AVR, Microchip PIC) (FPGAs: Altera cyclone II , Xilinx Spartan FPGA) (system on chips: Cypress PSoC) (National Instrument MyRio, Raspberry Pi and Arduino).
- C++, VHDL and Assembly coding Languages.
- MATLAB, Simulink, LabVIEW and Multisim professional software's.
- Very well understanding on CAN bus protocols and its implementation.
- Awarded certificate of course completion of CCNA Exploration: Network Fundamentals, form Cisco Networking Academy.2009
- Joined Training course at KOREK Telecom, Duhok, 2009.

Education

Near East University

2017 - present

(Lefkoşa, Turkish Republic of Northern Cyprus)

Ph.D. in Electrical and Electronic Engineering.

- **Thesis title:** Brain-Computer Interface for controlling Mobile Robot Platforms
- **Key modules:** Robotics systems, Optimization, Power Electronics Applications and Simulations, Control and Simulation of Power Electronic Convertors, Random Variables and Stochastic Processes, Advanced Research Methods and Ethics, Education For Learning.

Newcastle University

2011 - 2012

(Newcastle upon Tyne, United Kingdom)

M.Sc. in Automation and Control Engineering, Graduated with distinction.

- **Key modules:** Signal Processing and Estimation, Industrial Automation, Robotics and artificial intelligence, State space analysis and controller design, Electrical power and Control Project, Distributed Control System, Advanced Control System, Control of electric Drives, Course work.
- **Thesis title:** Using Cross Correlation Methods for the Parameters Identification of Power Converters.

University of Duhok

2006 - 2010

(Duhok, Kurdistan Region, Republic of Iraq)

B.Sc. in Electrical and Computer Engineering, Graduated first in class of 21 Engineering students.

- **Final year project title:** Monitoring and controlling a set of devices using PSoC wirelessly.

Employment History

Design and implementation of EMR system for Dr. Snoor Clinic (July 2019)

Research Assistant

**Near East University \ Faculty of Engineering \ Mechatronics Department
(2018 - 2019)**

- Working in Bionic systems research group and finishing two projects on prosthetics and 3D bio printing.
- Teaching 3 courses in Mechatronic Department and Supervising A.I Lab.

**Assistant Lecturer \ Department Coordinator
University of Duhok\ College of Engineering\ Electrical and Computer
Engineering Department (2011 – Present (student leave))**

- Supervised 5 BSc final year projects and 10 other mini-projects in field of Control and Mechatronics.
- Teaching experience in 5 courses.
- Electrical and Computer Department Coordinator and co-chair duties 2013-2016
- Member in Examination committee ECE department 2013- 2017.
- Head of Alumni committee ECE department 2013- 2017.
<http://web.uod.ac/ac/c/coe/departments/ece/alumni-and-support/>
- Member in “Design Day” organization committee College of Engineering 2014-2017.
<http://web.uod.ac/ac/c/coe/events/4th-engineering-design-day/about-event/>
- Member in oil and gas industry cooperation board College of Engineering 2014-2017.
- Member in project committee ECE department 2013-2017.

Data Officer

World Vision (NGO) / Duhok Office (July 2016 – November 2016)

- Worked as data officer. My primary duty was organizing the data of different types of food items for distribution.

Affiliations

- Member of the Kurdistan Engineers Union (2010-present).
- Member of Kurdistan Teachers Union (2017-present)
- Member of (IET) Institution of Engineering and Technology, U.K (2012-present).

Research

- SAMANN, F., & HADI, M. (2018). HUMAN TO TELEVISION INTERFACE FOR DISABLED PEOPLE BASED ON EOG. Journal Of Duhok University, 21(1), 54-64. doi:10.26682/sjuod.2018.21.1.5

Interests and Hobbies

- Coins collecting.
- Swimming.